

EXTENSION

Sketch figures 4 and 5. Circle the parts of each figure that represent the way you “see” the pattern. Record the equation (with the parts labeled) that will find the number of tile in each of these figures.

Use an unknown to write and then solve an equation to determine which figure would have 72 tiles.



Figure 1

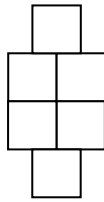


Figure 2

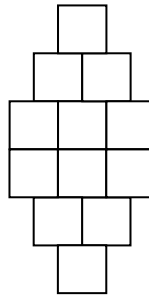


Figure 3